



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/077,054 | 02/12/2002 | Jonathan C. Makielski | 960296.97032 |

Bennett J. Berson
Quarles & Brady LLP
1 South Pinckney Street
P O Box 2113
Madison, WI 53701-2113



CONFIRMATION NO. 1596
FORMALITIES LETTER



OC000000007965479

Date Mailed: 04/26/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- \$130 Late oath or declaration Surcharge.

06/07/2002 BABBAHAI 00000086 170055 10077054

01 FC:105 130.00 CH

*A copy of this notice **MUST** be returned with the reply*

Y. G.

06/07/2002 BABBAHAI 00000086 170055 10077054
01 FC:105 130.00 CH

06/08/2002 EEBBAY1 00000009 170055 10077054
01 FC:205 65.00 CH

Customer Service Center

Initial Patent Examination Division (703) 308-1202

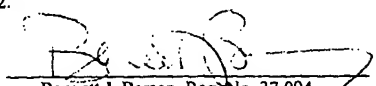
PART 2 - COPY TO BE RETURNED WITH RESPONSE

6/ Reg for
Refund
03-03-02

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P O Box 2327, Arlington, VA 22202.

Date of Signature and Deposit: May 31, 2002




Bennett J. Berson, Reg. No. 37,094

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan C. Makielski
Bin Ye

Date: May 31, 2002

Serial No.: 10/077,054

Group Art Unit:

Filed: 02/12/2002

Examiner:

Title: SODIUM CHANNEL ALPHA SUBUNITS

File No.: 960296.98032

REQUEST FOR REFUND UNDER 37 C.F.R. §1.26

Commissioner for Patents
P O Box 2327
Arlington, VA 22202

Dear Sir:

The applicants hereby request a refund of that portion of the surcharge paid in excess of that required in the above-noted patent application.

The applicants hereby assert their entitlement to small entity status as required by 37 C.F.R. §1.27(c)(1). This request for a refund of the excess amount is filed within three months of the date of the timely payment of the full fee. This three month period expires on August 30, 2002.

The full \$130.00 surcharge was paid with the Response to Notice to File Missing Parts of Nonprovisional Application. Applicants hereby request a refund of \$65.00. Please credit the refund to Deposit Account No. 17-0055.

Respectfully submitted,



Bennett J. Berson
Reg. No. 37,094
Attorney for Applicant
QUARLES & BRADY LLP
P.O. Box 2113
Madison, WI 53701-2113

TEL (608) 251-5000
FAX (608) 251-9166

EXPRESS MAIL LABEL NO. _____

Dep X Key
PTO/SB/17 (10-00)
Approved for use through 10/31/2002. OMB 0651-0037
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL FOR FY 2002

JUN 04 2002

Fees are subject to annual revision.

Complete if Known

| | |
|------------------------|-----------------------|
| Application Number | 10/077,054 |
| Filing Date | 02/12/2002 |
| First Named Inventor | Jonathan C. Makielski |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 960296.98032 |

TOTAL AMOUNT OF PAYMENT

\$

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

17-0055

Deposit Account Name

Quarles & Brady LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐

Check

☐

Credit Card

☐

Money Order

☐

Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. CLAIMS

| Total Claims | Extra | Fee from below | Fee Paid |
|---------------------------|--------|----------------|----------|
| 15 | -20**= | X | |
| Independent 8 | -3**= | X | |
| Multiple Dependent Claims | | | |

** or number previously paid, if greater, For reissues see below

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|-----------------------|-----------------------|-----------------------|-----------------------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920 | 112 | 920 | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840 | 113 | 1,840 | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive unavoidably abandoned application | |
| 141 | 1,280 | 241 | 640 | Petition to revive unintentionally abandoned application | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 146 | 740 | 246 | 370 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 740 | 270 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Typed or Printed Name: Bennett J. Berson

Registration No. (Attorney/Agent): 37,094

Complete (if applicable)

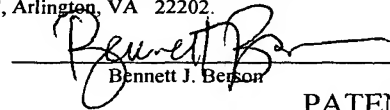
Telephone: 608/251-5000

Signature: 

Date: May 31, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P O Box 2327, Arlington, VA 22202.

Date of Signature and Deposit: May 30, 2002


Bennett J. Berson

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan C. Makielski
Bin Ye

Date: May 30, 2002

Serial No.: 10/077,054

Group Art Unit:

Filed: 02/12/2002

Examiner:

Title: SODIUM CHANNEL ALPHA SUBUNITS

File No.: 960296.98032

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION
Filed Under 37 CFR 1.53(b)
Filing Date Granted

Commissioner for Patents
Box Missing Parts
P O Box 2327
Arlington, VA 22202

Dear Sir:

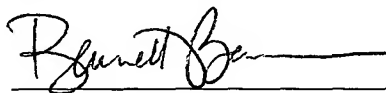
In a Notice to File Missing Parts mailed April 26, 2002, the applicants were given two months from the mailing date to file all required items and pay any fees required to avoid abandonment. In response to the Notice, the applicants submit a Declaration signed by the inventors.

A surcharge in the amount of \$130.00 is due. Please charge the amount to Deposit Account No. 17-0055.

Should any other fee be due in connection with this or any subsequent response, please charge the fee to Deposit Account No. 17-0055.

All missing parts are now believed to be on file.

Respectfully submitted,



Bennett J. Berson
Reg. No. 37,094
Attorney for Applicants
QUARLES & BRADY LLP
P.O. Box 2113
Madison, WI 53701-2113

TEL (608) 251-5000
FAX (608) 251-9166
QBMAD\332856.1

**FEE TRANSMITTAL
FOR FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$130.00

Complete if Known

| | |
|------------------------|-----------------------|
| Application Number | 10/077,054 |
| Filing Date | 02/12/2002 |
| First Named Inventor | Jonathan C. Makielski |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 960296.98032 |

METHOD OF PAYMENT (check one)

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- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

17-0055

Deposit
Account
Name

Quarles & Brady LLP

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status
See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
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SUBTOTAL (1) (\$)

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|---------------------------|--------|----------------|----------|
| Total Claims 15 | -20**= | X | = |
| Independent 8 | -3**= | X | = |
| Multiple Dependent Claims | | | = |

** or number previously paid, if greater, For reissues see below

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| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

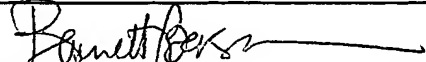
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| 179 | 740 | 270 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00)

SUBMITTED BY**Complete (if applicable)**

| | | | | | |
|--------------------------|---|--------------------------------------|--------|-----------|--------------|
| Typed or Printed Name | Bennett J. Berson | Registration No. (Attorney/Agent) | 37,094 | Telephone | 608/251-5000 |
| Signature |  | | | Date | May 30, 2002 |